

Fig. 1

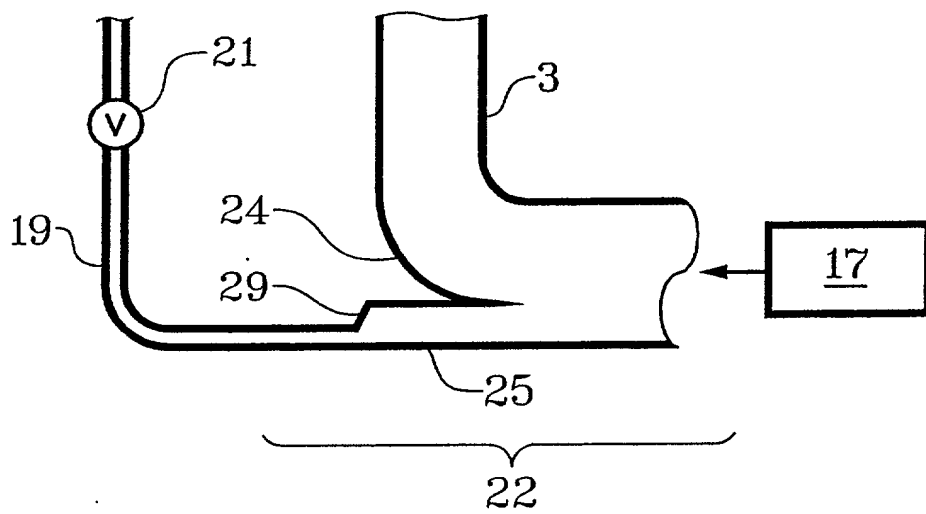
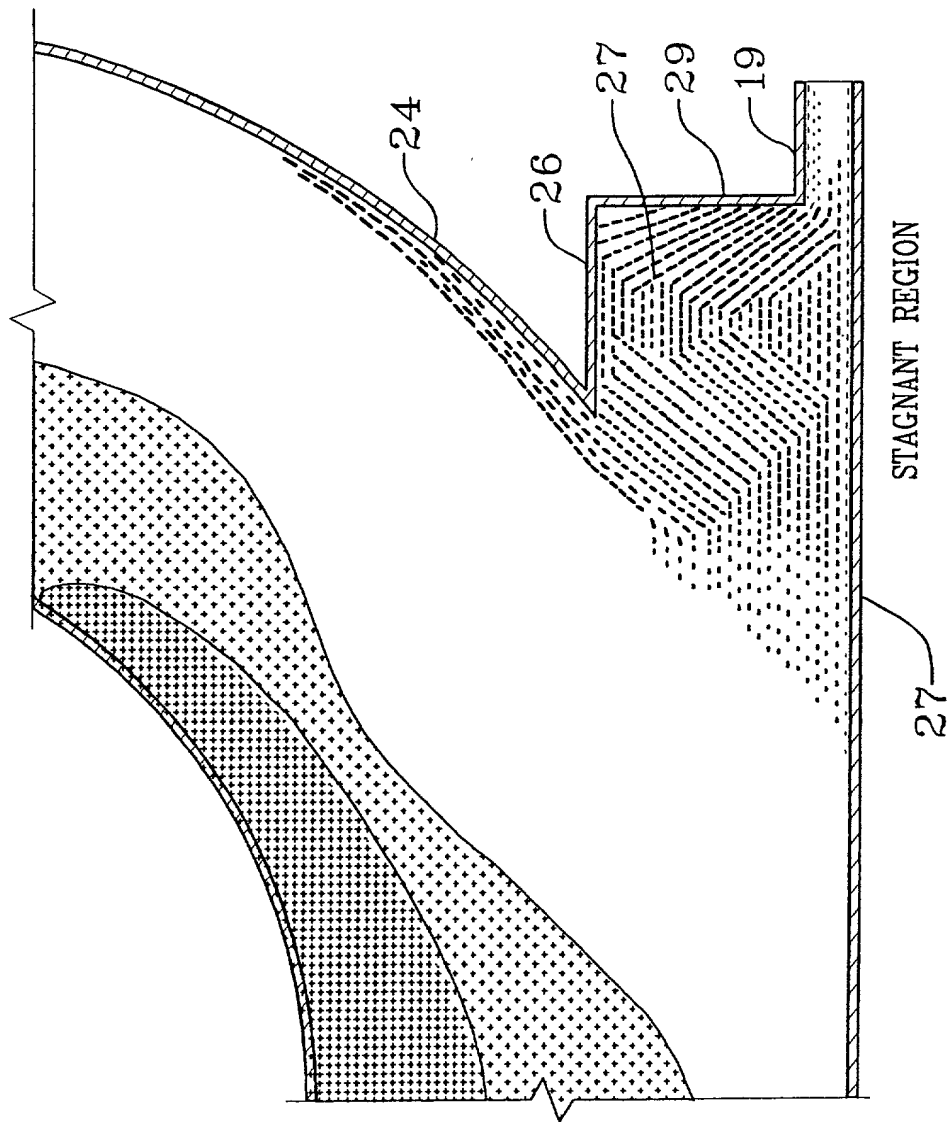
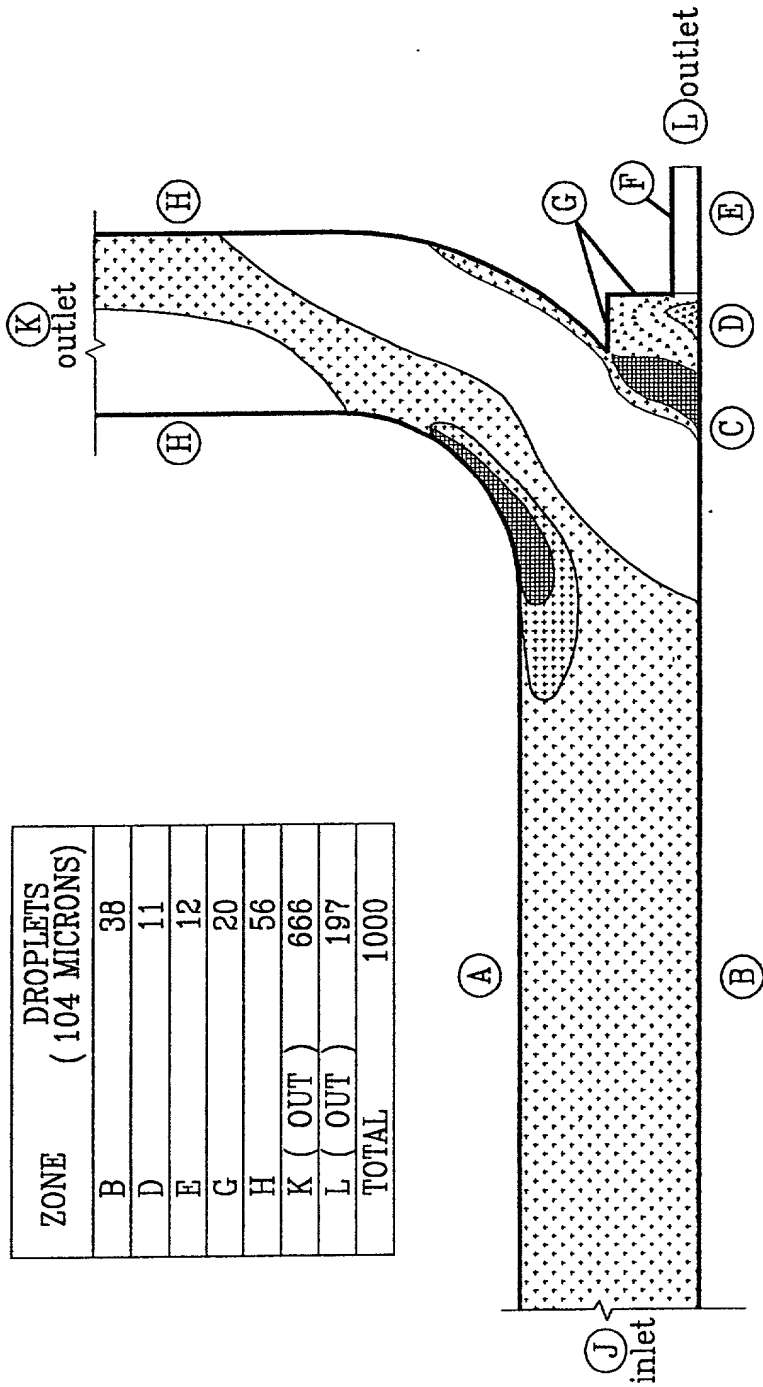


Fig. 2



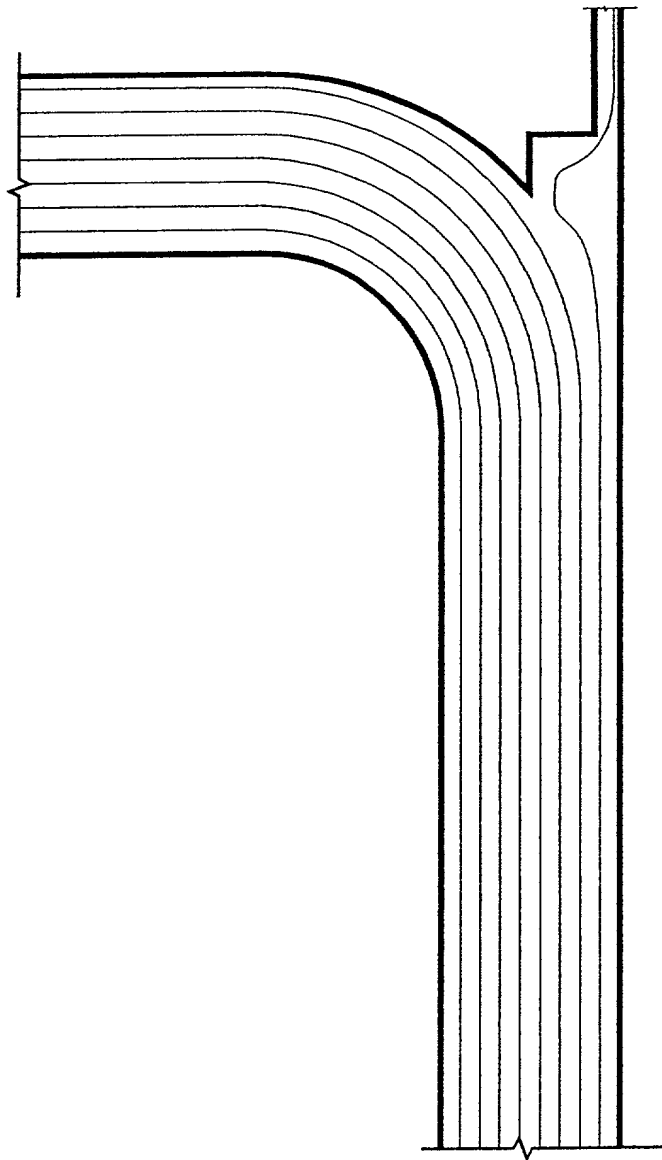
POLYETHYLENE (PE) VAPOR PHASE VELOCITY MAGNITUDE PROFILES WITH 35 ft/sec INLET
ZOOMED VIEW ILLUSTRATING STAGNANT REGION AT PIPE BOTTOM

Fig. 3



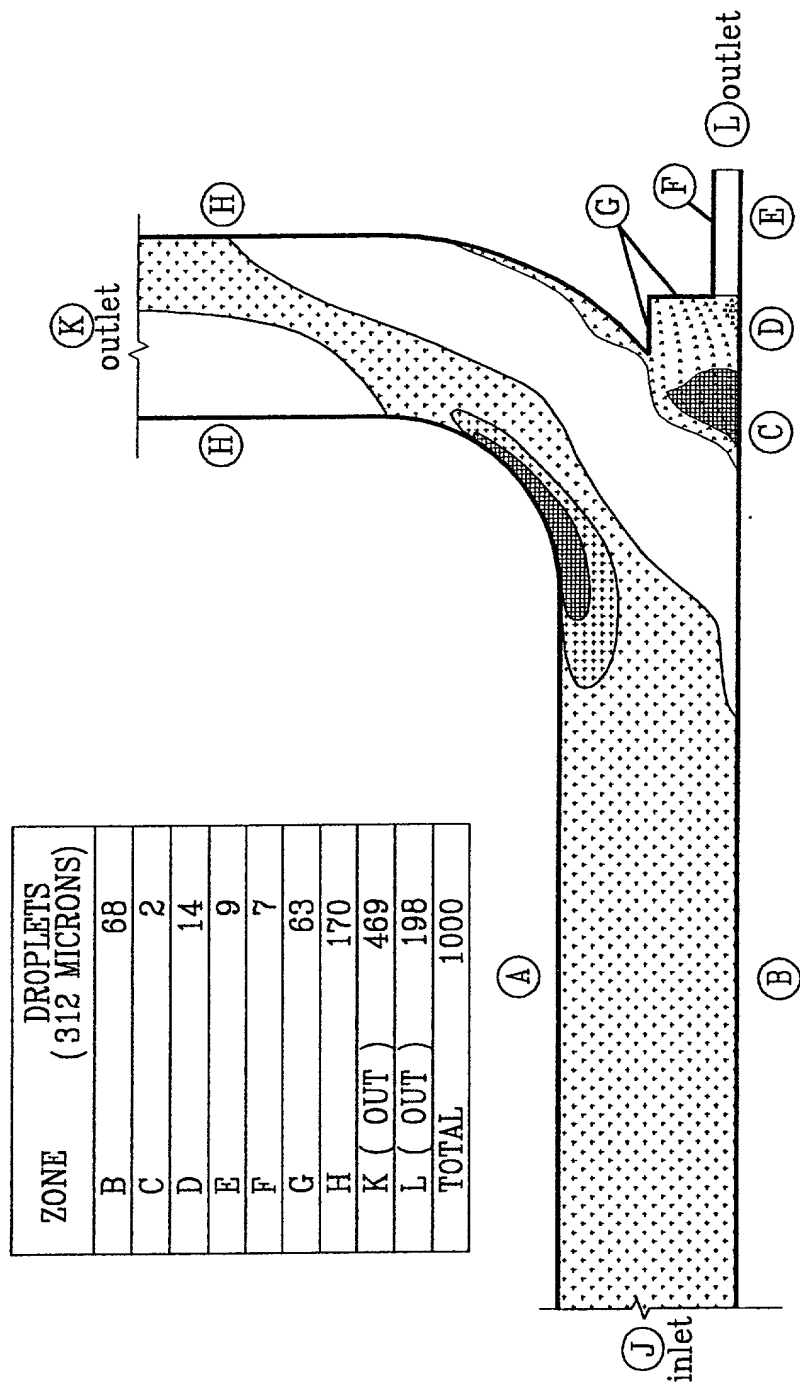
POLYETHYLENE (PE) VAPOR PHASE VELOCITY MAGNITUDE PROFILES WITH 35 ft/sec INLET
WITH 104 Micron Liquid Droplet Distribution Data

Fig. 4



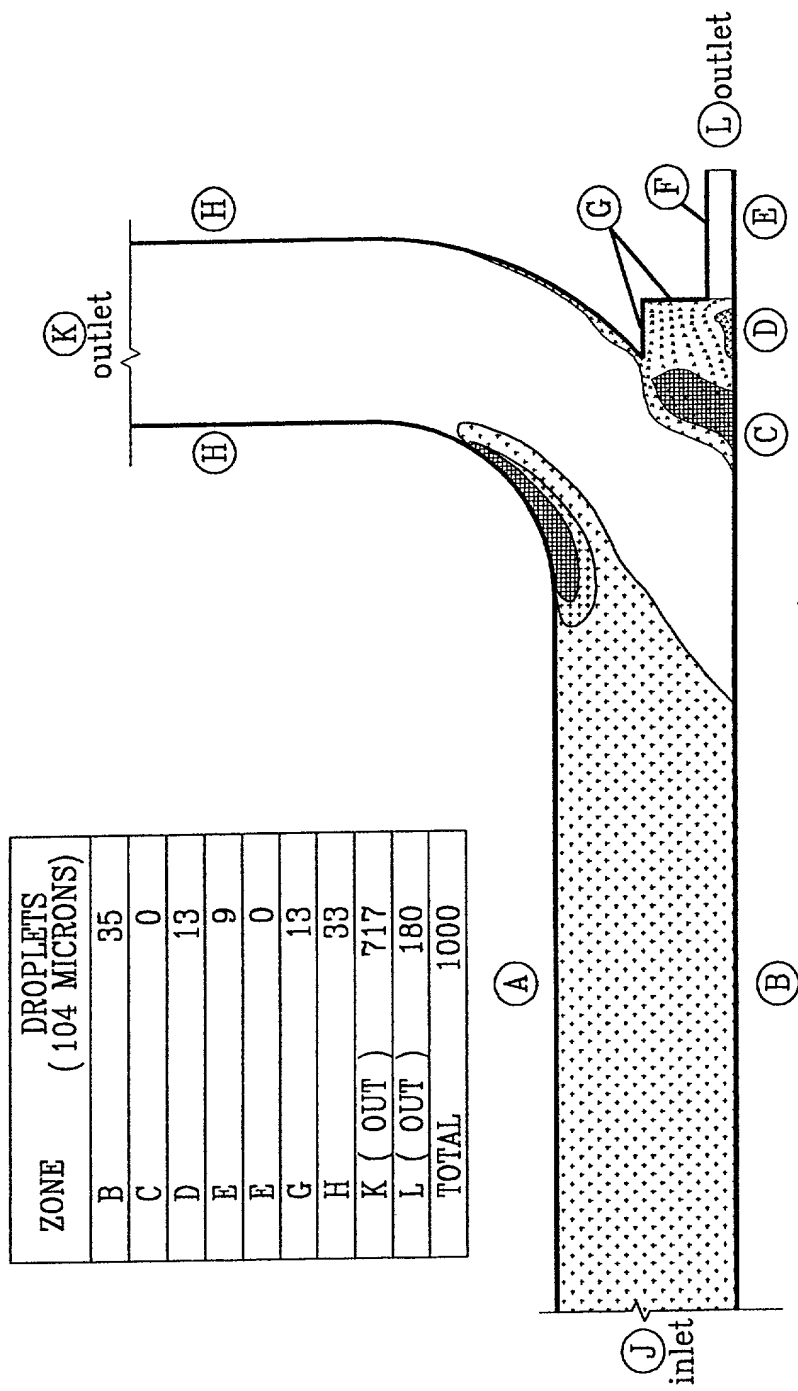
TYPICAL 10 DROPLET TRAJECTORY WITH 35 ft/sec INLET
WITH LIQUID DROPLET DISTRIBUTION DATA

Fig. 5



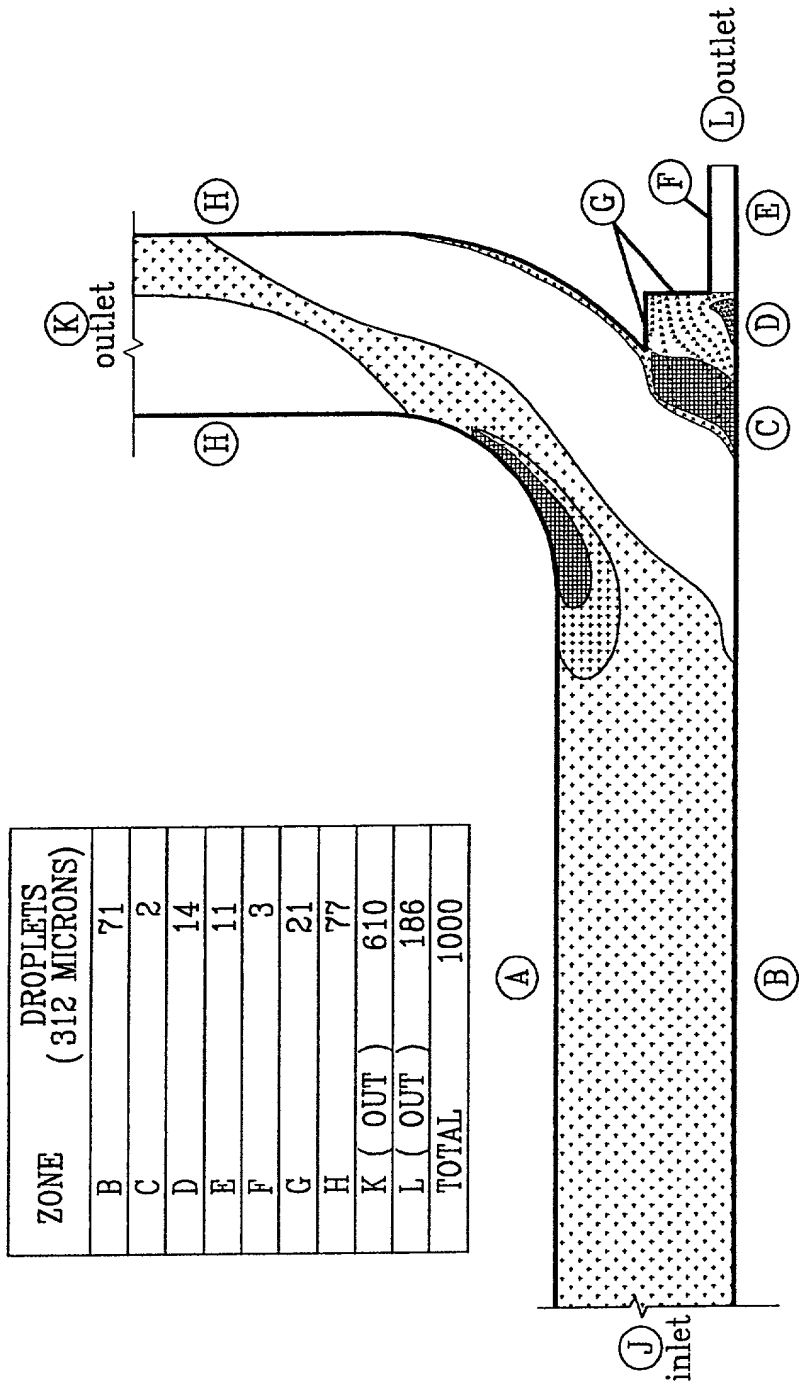
POLYETHYLENE (PE) VAPOR PHASE VELOCITY MAGNITUDE PROFILES WITH 55 ft/sec INLET
WITH 312 Micron LIQUID DROPLET DISTRIBUTION DATA

Fig.6



POLYPROPYLENE (PP) VAPOR PHASE VELOCITY MAGNITUDE PROFILES WITH 25 ft/sec INLET
WITH 104 Micron LIQUID DROPLET DISTRIBUTION DATA

Fig. 7



POLYPROPYLENE (PP) VAPOR PHASE VELOCITY MAGNITUDE PROFILES WITH 35 ft/sec INLET
WITH 312 Micron LIQUID DROPLET DISTRIBUTION DATA

Fig. 8

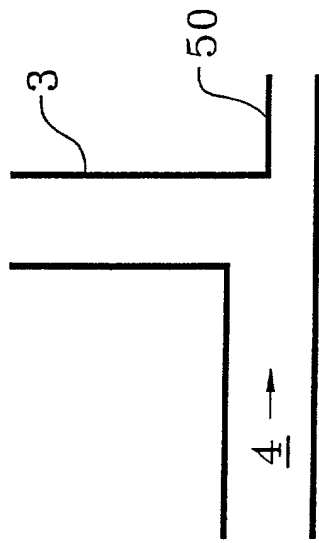


Fig. 9

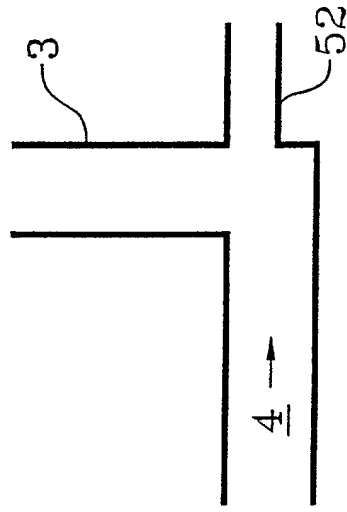


Fig. 10

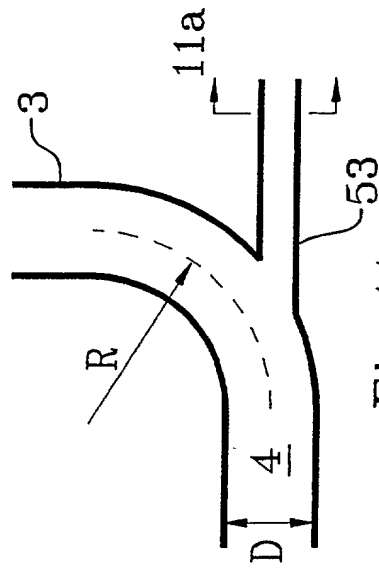


Fig. 11



Fig. 11a

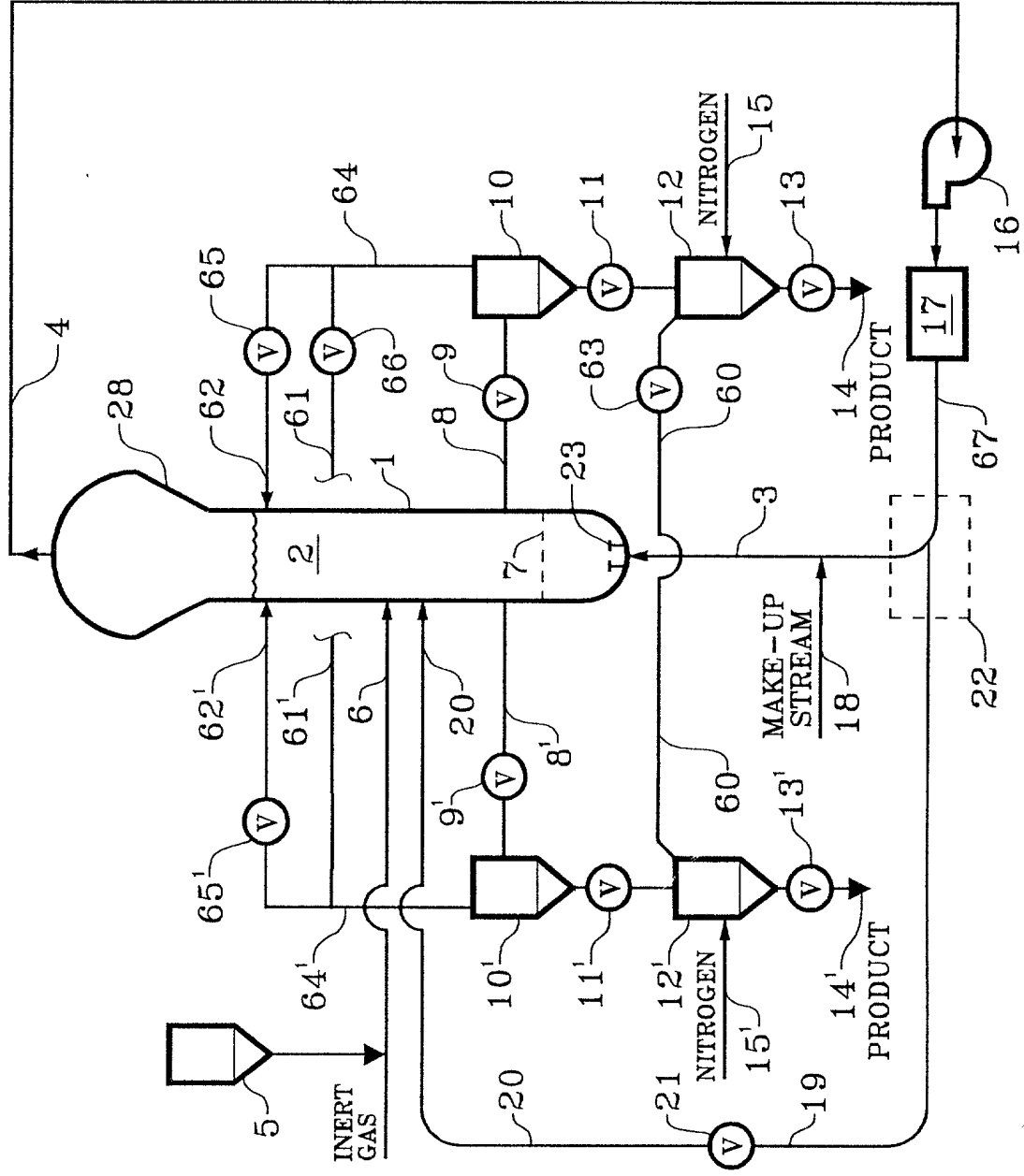


Fig. 12

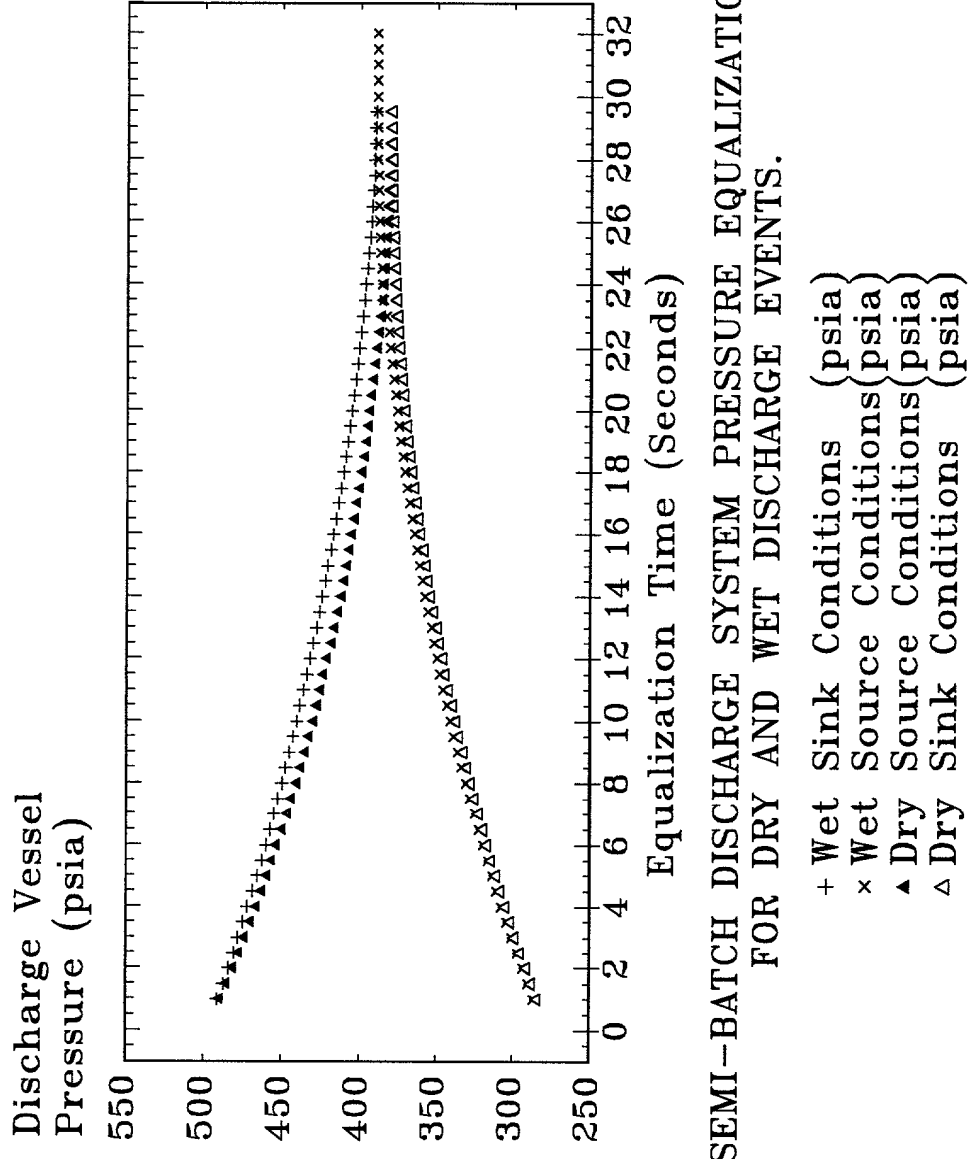


Fig. 13